

# NSK precision bearings

1. BEARING 100 BAR 10 ETYNDBLP4 1 SET.
2. BEARING NN3020 MBKRCC1P4 1 PC.
3. BEARING NN3018 MBKRCC1P4 1 PC.

- BEARING 20TAC47CSUHPN7C .....10 pc
- BEARING 20TAB04DF/GM.....12 pc

NSK precision bearings are the dominant products of NSK. Established in 1916, NSK LTD. is the first manufacturer in Japan to design and manufacture bearings. Its advantages are low heat and high speed.

NSK precision angular contact ball bearings

NSK precision angular contact ball bearings are available in various series of products that can be selected according to different applications. They are most suitable for applications such as machine tool spindles with high precision and fast speed.

1 precision angular contact ball bearing (standard series) This is the basic series of ISO standard NSK precision angular contact ball bearings.

Features: Long-life bearing steel (Z steel) is used as the standard material. The 70 series and 79 series products can also be equipped with a sealing ring to increase the grease life by 1.5 times. Two types of cages are available depending on the type

2 super high speed angular contact ball bearings (Robust series)

This is a high-performance series of products that support the high performance of machine tools developed by NSK's proud materials technology, evaluation technology and analytical technology. In addition, the series of products with sealing ring, with its high performance and long life characteristics, can promote the improvement of machine tool reliability, and also have good environmental performance and contribute to energy saving.

Features:

Low heat and high speed. The X-type product made of SHX material with excellent heat resistance and abrasion resistance achieves high speed and long life. According to different uses, a strong product lineup with different contact angles and ball material specifications has been established. The bandwidth of the sealing ring increases the grease life by 1.7 times compared to the open type bearing, achieving a long life.

3 super high speed angular contact ball bearings (Robust series SpinShotII)

Pursuing the optimization of fueling, while achieving unprecedented mute, it achieves further ultra-high speed.

Features:

Oil and gas lubrication is used to achieve 40,000 rpm per minute on the NT#40 level. Compared with the previous oil and gas lubrication, the noise is reduced by about 3 to 5 dB. Only about half of the inflation of the previous oil and gas lubrication is achieved, that is, the rotational speed of 40,000 rpm is achieved.

4 super high precision angular contact ball bearings (BGR series)

This is a high-performance series that can be used for high-precision, ultra-high-speed rotation with an inner diameter of less than 30 mm and high performance for small shafts.

Features:

Ultra high speed bearings specially designed for small shafts. The X-type product made of SHX material with excellent heat resistance and abrasion resistance achieves high speed and long life. The standard uses high precision specifications.

5 high speed thrust angular contact ball bearings (Robust series)

The Robust series is an angular contact ball bearing for thrust, achieving high speed and high rigidity.

Features:

BTR contact angle 40°: Both high thrust rigidity and low heat generation. BAR contact angle

30°: Compared with BTR, it pays more attention to high speed.

6 high rigidity thrust angular contact ball bearings (TAC-F series)

The TAC-F series is an angular contact ball bearing series that emphasizes high rigidity and is designed to withstand thrust.

